

=> fil reg

FILE 'REGISTRY' ENTERED AT 12:33:42 ON 27 OCT 2006

=> d his

FILE 'HCAPLUS' ENTERED AT 11:35:49 ON 27 OCT 2006

L1 1 S US20050048000/PN
SEL RN

FILE 'REGISTRY' ENTERED AT 11:36:09 ON 27 OCT 2006

L2 159 S E1-E159
L3 3 S L2 AND LYSIN?
L4 1 S 846575-90-4/RN

FILE 'HCAPLUS' ENTERED AT 11:44:41 ON 27 OCT 2006

L5 1 S L4

FILE 'REGISTRY' ENTERED AT 11:45:32 ON 27 OCT 2006

L6 1 S 846575-91-5/RN

FILE 'MEDLINE, BIOSIS, EMBASE' ENTERED AT 11:56:26 ON 27 OCT 2006

L7 0 S L4

FILE 'REGISTRY' ENTERED AT 12:20:25 ON 27 OCT 2006

L8 12 S C9H20N2O5S/MF

=> d que 15

L4 1 SEA FILE=REGISTRY ABB=ON 846575-90-4/RN
L5 1 SEA FILE=HCAPLUS ABB=ON L4

=> fil hcap

FILE 'HCAPLUS' ENTERED AT 12:33:54 ON 27 OCT 2006

=> d 15 ibib abs hitstr hitind

L5 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:182073 HCAPLUS Full-text

DOCUMENT NUMBER: 142:285149

TITLE: Amyloid targeting imaging agents and uses thereof

INVENTOR(S): Gervais, Francine; Kong, Xianqi; Chalifour, Robert; Migneault, David

PATENT ASSIGNEE(S): Neurochem International Limited, Switz.

SOURCE: U.S. Pat. Appl. Publ., 34 pp., Cont.-in-part of U.S. Ser. No. 915,092.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005048000	A1	20050303	US 2003-728028	2003

US 2002115717	A1	20020822	US 2001-915092	1203
				2001
				0724
PRIORITY APPLN. INFO.:			US 2000-220808P	P
				2000
				0725
			US 2001-915092	A2
				2001
				0724
			US 2003-443291P	P
				2003
				0129

OTHER SOURCE(S): MARPAT 142:285149

AB Amyloid-targeting imaging agents such as radiolabeled amyloid targeting mols. and amyloid targeting mol.-chelator conjugates for imaging, e.g., amyloid plaques in vivo, and/or for the treatment of amyloidosis disorders. The invention provides amyloid-targeting imaging agents capable of crossing the blood-brain barrier that are useful for imaging sites of amyloid disease. Imaging agents of the invention are capable of binding specifically to amyloid plaques, as an aid in diagnosis and/or early treatment of amyloidosis disorders.

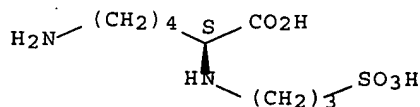
IT 846575-90-4

(amyloid-targeting imaging agents)

RN 846575-90-4 HCAPLUS

CN L-Lysine, N2-(3-sulfopropyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IC ICM A61K049-00

ICS C07F005-00

INCL 424009364; 534015000

CC 63-5 (Pharmaceuticals)

Section cross-reference(s): 8

IT 59-30-3, Folic acid, biological studies 100-88-9,
 Cyclohexylsulfamic acid 573-58-0, Congo Red 959-81-9
 1119-23-9, 3-(2-Hydroxyethyl)amino-1-propanesulfonic acid
 1119-25-1 1119-71-7 1119-93-3 1119-95-5 1119-96-6
 1119-98-8 1119-99-9 1120-00-9 1120-03-2 1120-05-4
 1138-84-7 1829-00-1, Thiazole yellow G 2390-54-7, Thioflavin T
 2610-05-1, Chicago Sky Blue 6B 2785-06-0 3095-95-2,
 Diethylphosphonoacetic acid 3119-93-5 3785-01-1 4443-32-7,
 3-(2-Isoindolyl)-1-propanesulfonic acid 4444-23-9,
 2,5-Dihydroxybenzene-1,4-disulfonic acid 4481-44-1,
 4-Phthalimido-1-butanefulfonic acid 4720-61-0 5625-56-9,
 1,4-Piperazinedipropanesulfonic acid 10043-49-9, 198Au,
 biological studies 10043-66-0, 131I, biological studies
 10098-91-6, 90Y, biological studies 10098-97-2, 90Sr, biological
 studies 10198-40-0, 60Co, biological studies 13501-35-4

13967-65-2, 166Ho, biological studies 13981-25-4, 64Cu,
 biological studies 13981-50-5, 57Co, biological studies
 13981-56-1, 18f, biological studies 14119-09-6, 67Ga, biological
 studies 14133-76-7, 99Tc, biological studies 14158-27-1, 89Sr,
 biological studies 14158-31-7, 125i, biological studies
 14276-65-4, 153Gd, biological studies 14378-26-8, 188Re,
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 14392-02-0, 51Cr, biological studies 14885-78-0, 113In,
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 186Re, biological studies 15064-65-0, 201Tl, biological studies
 15214-89-8, 2-Acrylamido-2-methyl-1-propanesulfonic acid
 15715-08-9, 123i, biological studies 15750-15-9, 111In,
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 15758-35-7, 97Ru, biological studies 15766-00-4, 153Sm,
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 40265-71-2, 2,3-Dimethylbenzothiazolium 42457-53-4 42846-15-1
 49625-94-7 52962-42-2, 3-(4-Hydroxyphenyl)amino-1-
 propanesulfonic acid 54503-01-4, 1,6-Hexanedisulfonic acid
 58431-88-2 63555-51-1 63585-09-1, Phosphonoformic acid
 trisodium salt 72943-20-5 76936-63-5 77337-76-9 80969-51-3
 82611-83-4 83678-67-5, Gadolinium dota 92014-92-1 98026-28-9
 101373-15-3 109203-08-9 112188-16-6 153247-40-6
 176390-19-5 176390-21-9 182912-78-3 190775-14-5
 193204-15-8 206198-57-4 220213-38-7 256954-42-4
 256954-43-5 256954-44-6 256954-45-7 256954-46-8
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 393175-72-9 393175-74-1 393175-76-3 393175-78-5
 393175-88-7 393176-65-3 720699-50-3 757934-29-5
 775277-31-1, 1H-Indole-1-propanesulfonic acid 781606-75-5
 819866-03-0 846575-89-1 846575-90-4 846575-91-5
 846576-15-6

(amyloid-targeting imaging agents)